MODULAR USER INTERFACE

Abstract of the Disclosure

A modular user interface (UI) with consistent sensory interactions across a plurality of selectable UI features that involve user interactions with a computing device. A controlling program invokes one or more functional UI modules each of which performs a data function of the corresponding UI feature. The data functions do not involve any sensory interaction with the user. Instead, a UI plug-in implements sensory interactions with the user, such as displays, sounds, animation, data entry, etc. The sensory interactions are based on the data functions and a skin file of visual, audio, layout, and other sensory data. The skin file, the UI plug-in, and the functional UI modules can be independently modified or replaced at any time to change sensory and/or functional aspects of the UI features. A UI engine manages computing resources and acts as a common communication gateway between the controlling program, functional UI modules, and UI plug-in.